CLAIMS

We claim,

1. A system for controlling the movement of a display assembly of an on-board entertainment system, comprising:

an actuator for intended movement of said display assembly;

an indicator plate mechanically affixed to the actuator;

a sensor for sensing relative position of said indicator plate; and

controller coupled to said actuator and sensor;

wherein upon movement of a relative location of the indicator plate to a desired location, a control signal is transmitted to the actuator.

2. The system of Claim 1, wherein the actuator is a rotary electric motor.

3. The system of Claim 1, wherein the actuator is a linear electric motor.

4. The system of Claim 2, wherein the indicator plate is a flat disk shaped device approximately two inches in diameter.

5. The system of Claim 4, wherein the indicator plate is of metallic composition.

6. The system of Claim 1, wherein the sensor is an infrared sensor.

7. The system of Claim 1, wherein the sensor is a mechanical device.

8. A system for controlling the movement of a display assembly of an on-board entertainment system, comprising:

an actuator, comprised of an electric rotary motor, for intended movement of said display assembly;

an indicator plate mechanically affixed to an extension of the rotary motor shaft;

a sensor for sensing relative position of said indicator plate; and

controller coupled to said actuator and sensor;

wherein upon movement of a relative location of the indicator plate to a desired location, a control signal is transmitted to the actuator.

9. The system of Claim 8, wherein the indicator plate is a flat disk shaped device approximately two inches in diameter.

10. The system of Claim 9, wherein the indicator plate is of metallic composition.

11. The system of Claim 8, wherein the sensor is an infrared sensor.

12. The system of Claim 8, wherein the sensor is a mechanical device.